

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) Coffee-maker able to function with cartridges, comprising a case (1) for reception of means for supplying hot water to an infusion head (8) in two parts: a fixed part forming a support for at least one cartridge (2) and a movable part to open and close said infusion head (8), the two parts being maintained spaced apart by first elastic restoring means (14), a locking device (24) to maintain the infusion head (8) closed in opposition to said restoring means, means for adjusting the infusion parameters representative of the operating condition of the machine, and a sensor for measuring the quantity of water supplied to the infusion head, said sensor being adapted to emit at least one signal in response to measurement by said sensor of the supply of a predetermined quantity of water to the infusion head, wherein, in operation, the locking device is blocked in a manner to prevent opening of the movable part of the infusion head and said coffee-maker further comprises means for controlling the opening of said locking device in response to the at least one signal emitted by said sensor.

2. (Original) Coffee-maker according to claim 1, characterized in that said locking device (24) has a locking part (25) movable between a locked position and an unlocked position by being actuated by an electromagnet (30) controlled by said means for controlling.

3. (Previously presented) Coffee-maker according to claim 1, characterized in that the movable part of the infusion head is a jaw (15) pivotably mounted with respect to a pivot axis (16) of the case and said locking device (24) has a movable locking part (25) pivotable around an axis (27) parallel to the pivot axis (16) of said jaw.

4. (Previously presented) Coffee-maker according to claim 2, characterized in that said locking device (24) has second elastic restoring means for returning said locking part (25) to the locked position.

5. (Previously presented) Coffee-maker according to claim 3, characterized in that said locking part (25) comprises, in a plane perpendicular to its pivot axis (27), at a high part, a hook (26) cooperating with a locking pin (22) of the jaw (15), said hook (26) being prolonged downwards by a lever arm (29) intended to be actuated by said electromagnet (30).

6. (Original) Coffee-maker according to claim 5, characterized in that said locking part (25) comprises, at the external side of its pivot axis (27), a projecting part forming an operating button (33).

7. (Previously presented) Coffee-maker according to claim 5, characterized in that said lever arm (29) cooperates with a rod (31) crossing the width of the infusion head (8), said rod (31) cooperating at its end (32) with said electromagnet (30).

8. (Previously presented) Coffee-maker according to claim 1, further comprising a microcontroller connected

between said means for adjusting the infusion parameters to and said means for controlling to control said electromagnet (30) as a function of said infusion parameters.

9. (Original) Coffee-maker according to claim 8, characterized in that said microcontroller is connected to at least one sensor representative of the state of an infusion parameter and it manages an infusion cycle according to the evolution of this parameter.

10. (Previously presented) Coffee-maker according to claim 8, characterized in that it comprises an electrical contact actuated by the opening of said jaw and connected to said microcontroller to enable it to detect the open or closed position of the jaw.

11. (Previously presented) Coffee-maker according to claim 8, characterized in that said microcontroller is connected between said sensor and said means for controlling.

12. (Currently amended) Coffee-maker able to function with cartridges, comprising a case (1) for reception of means for supplying hot water to an infusion head (8) in two parts: a fixed part forming a support for at least one cartridge (2) and a movable part to open and close said infusion head (8), the two parts being maintained spaced apart by first elastic restoring means (14), a locking device (24) to maintain the infusion head (8) closed in opposition to said restoring means, means for adjusting the infusion parameters, and a sensor for measuring the quantity of water supplied to

the infusion head, said sensor being adapted to emit at least one signal in response to measurement by said sensor of the supply of a predetermined quantity of water to the infusion head~~sensor means for emitting at least one signal representative of the operating condition of the machine,~~
wherein: in operation, the locking device is blocked in a manner to prevent opening of the movable part of the infusion head and ~~that it has~~said coffee-maker further comprises means for controlling the opening of said locking device in response to ~~at the~~ at least one signal emitted by said sensor~~means~~; the movable part of the infusion head is a jaw (15) pivotably mounted with respect to a pivot axis (16) of the case and said locking device (24) has a movable locking part (25) pivotable around an axis (27) parallel to the pivot axis (16) of said jaw; and said locking part (25) comprises, at the external side of the axis (27) about which the movable locking part (25) is pivotable, a projecting part forming an operating button (33).

13. (Previously presented) Coffee-maker able to function with cartridges, comprising a case (1) for reception of means for supplying hot water to an infusion head (8) in two parts: a fixed part forming a support for at least one cartridge (2) and a movable part to open and close said infusion head (8), the two parts being maintained spaced apart by first elastic restoring means (14), a locking device (24) to maintain the infusion head (8) closed in opposition to said restoring means, means for adjusting the infusion parameters, and sensor means for emitting at least one signal representative of the operating condition of the machine, wherein: in operation, the locking device is blocked in a

manner to prevent opening of the movable part of the infusion head and the locking device has means for controlling the opening of said locking device in response to a signal emitted by said sensor means; said locking device (24) has a locking part (25) movable between a locked position and an unlocked position by being actuated by an electromagnet (30) controlled by said means for controlling; said locking device (24) has a locking part (25) movable between a locked position and an unlocked position by being actuated by an electromagnet (30) controlled by said means for controlling; said locking part (25) comprises, in a plane perpendicular to its pivot axis (27), at a high part, a hook (26) cooperating with a locking pin (22) of the jaw (15), said hook (26) being prolonged downwards by a lever arm (29) intended to be actuated by said electromagnet (30); and said lever arm (29) cooperates with a rod (31) crossing the width of the infusion head (8), said rod (31) cooperating at its end (32) with said electromagnet (30).